

# Release A CDR RID Report

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Priority 2

Section User View

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Figure Table User View

Category Name Data Modeling

Actionee Project (Blake)

Sub Category

Subject EOSDIS Data Pyramid

## Description of Problem or Suggestion:

I believe the Data Pyramid has one serious omission:

It lacks a layer which would provide browse data for interdisciplinary studies. This browse data would be originating from different platforms and instruments but would be binned to the same spatio-temporal specifications, e.g., 1 degree X 1 degree, weekly-mean or monthly mean. This correlative studies browse data would be of lower volume than other browse, but would allow the user to quickly correlate diverse data sets (e.g., SST with wind velocities, etc.)

## Originator's Recommendation

Add a layer labeled "Correlative Studies Browse" above the Browse level. In addition, come up with specific interdisciplinary science scenarios that would utilize this level. It seems to me that EOS' great usefulness is that it allows global change interdisciplinary studies. As such, this should be reflected at some basic level as the Data Pyramid (see attached revised Pyramid)

GSFC Response by: Blake

GSFC Response Date 10/19/95

There is no real need for a "new layer" in the data pyramid. The browse layer is generic enough to encompass correlative studies. In addition, from a system perspective (i.e. storage and access) correlative browse would be treated the same as other browse. The issues are 1) defining science need for this type of browse and 2) a funding source for production of this type of browse product.

Currently, the RID originator is being funded via ESDIS prototype funds to demonstrate a science need for this type of browse product. Once the need has been demonstrated, then funds will be sought to support production of such products.

Alternatively, the RID originator may request endorsement from the EOSDIS Advisory Panel and collect science requirements and definitions of such products. At that point, funding could be sought.

HAIS Response by:

HAIS Schedule

HAIS R. E.

HAIS Response Date

Status Closed

Date Closed 11/6/95

Sponsor Meyer

\*\*\*\*\* Attachment if any \*\*\*\*\*